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Product ID:BUTYL CELLOSOLVE MSDS Date:01/01/1985 FSC:6810 NIIN:00-431-6020 **MSDS Number: BDYRH** === Responsible Party === Company Name: AMCO CHEMICAL CORP. Address:3RD - CYPRS Box:208 City:OAKLAND State:CA ZIP:94607 Country:US CAGE:97984 === Contractor Identification === Company Name: AMCO CHEMICAL CORP Addr ess:3RD - CYPRS Box:208 City:OAKLAND State:CA ZIP:94607 Country:US Phone:NOT IN BUSINESS! 911008P505A ??? CAGE:97984 Ingred Name:2-BUTOXYETHANOL CAS:111-76-2 RTECS #:KJ8575000 Fraction by Wt: 100% OSHA PEL:S, 50 PPM

Effects of Overexposure:MODERATELY TOXIC.SKIN:ABSORBS READILY.INHALED:HIGH VAPOR CONC IRRITAT.EYES:CORNEAL D

ACGIH TLV:S, 25 PPM; 9293

AMAGE.SKIN:IRRT.

First Aid:SKIN:WASH W.SOAP & H*20 EYES:FLUSH W. H*20. INGESTED:GIVE 2 GLASSES H*20; INDUCE VOMITING.CALL A PHYSICIAN. INHALE:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. IF UNCONS DO NOT ANTHING BY MOUTH.

Flash Point:150F/65.6C TCC Lower Limits:1.1 Upper Limits:10.6 Extinguishi ng Media:CO*2, FOAM, DRY CHEM & H*20 FOG. Fire Fighting Procedures:USE H*20 TO COOL EXPD. CONTRS. USE SCBA & FULL PROT. CLTHG. Unusual Fire/Explosion Hazard:NONE

Spill Release Procedures:KEEP COMBS.(WOOD,PAPER,OIL,ETC.) AWAY FROM SOILLED MATL. DO NOT TOUCH SPILLED MATL. STOP LEAK IF W/O RISK. USE H*20 SPRY TO RED VAPORS. SM SPLS: FLUSH AREA W/FLOODING AMTS OF H*20. LG SPLS: DIKE FAR A HEAD OF SPILL FOR LATER DI SPOSAL INTO APPR CONTRS.

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE.KEEP CONTAINERS CLOSED. MAINTAIN STANDARD HYGIENE FOR CHEM HANDLING.
Other Precautions:NOTE TO DOCTORS-THERE IS NO SPECIFIC ANTIDOTE.OVEREXPOSURE SHOULD BE TREATED ACCORDING TO SYMPTOMS AND CLINICAL CONDITION.

======= Exposure Controls/Personal Protection ==========

Res

piratory Protection:IF EXCED TLV,NIOSH/MSHA APPR SELF-CNTND BRTHG APP (POS PR MODE)
Ventilation:MECHANICAL (GENERAL) ACCEPTABLE LOCAL EXHAUST IF NEEDED.
Protective Gloves:RUBBER
Eye Protection:MONOGOGGLES
Other Protective Equipment:SAFETY SHOWER & EYE BATH
Supplemental Safety and Health
FP:157F/69.4C TOC.

HCC:V4

Boiling Pt:B.P. Text:340.2/171.2 Vapor Pres:0.6 Vapor Density:4.1 Spec Gravity:0.90 Evaporation Rate & amp; Refe rence:0.08(BU AC=1) Solubility in Water:COMPLETE Appearance and Odor:COLORLESS LIQUID;MILD ODOR. Percent Volatiles by Volume:100

Stability Indicator/Materials to Avoid:YES AVOID STRONG ALKALI (E.G. NAOH, NH:4OH,ETC.) Stability Condition to Avoid:NONE Hazardous Decomposition Products:CO*2, CO, TOXIC OXIDES.

Waste Disposal Methods:INCINERATE IN APPROVED INCINE RATOR OR DISPOSE OF

IN APPROVED CHEMICAL DUMP IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS.

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